



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,912	06/27/2003	Bernard Andre	BREV 13186 DIV	8153

7590 02/22/2007  
Norman P. Soloway  
HAYES SOLOWAY P.C.  
130 W. Cushing Street  
Tucson, AZ 85701

EXAMINER
----------

STOUFFER, KELLY M

ART UNIT	PAPER NUMBER
----------	--------------

1762

MAIL DATE	DELIVERY MODE
-----------	---------------

02/22/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**



United States Patent and Trademark Office

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

Serial No. : 10/607,912  
Applicant : Bernard et al.  
Filing Date : June 27, 2003  
Date Mailed : February 21, 2007

## ACKNOWLEDGEMENT OF REQUEST

### *Notice of Allowance/Allowability Mailed*

The request for a copy of the initialed PTO 1449, dated June 19, 2006, has been received by the U.S. Patent and Trademark Office.

- Requested copy attached

A handwritten signature in cursive script that reads "A. Marty Willis".

A. Marty Willis  
For the Office of Patent Publication

<b>Notice of References Cited</b>	Application/Control No. 09/830,380	Applicant(s)/Patent Under Reexamination ANDRE ET AL	
	Examiner Tamra L. Dicus	Art Unit 1774	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
✓	A	US-5,399,435	03-1995	Ando et al.	428/428
✓	B	US-5,623,375	04-1997	Floch et al.	359/871
✓	C	US-5,691,044	11-1997	Oyama et al.	313/461
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(e).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office  
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 7

*Wes Hunt*  
Examiner

3/28/15

**SHEET** ~~SECRET~~ (clm)

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>BREV 13186</b>	Application Number
		Applicant(s) <b>ANDRE et al</b>	
		Filing Date <b>APRIL 25, 2001</b>	Group Art Unit
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
WA	"Optical Coatings Deposited by Reactive Ion Plating" by A.J. Waldorf et al Applied Optics/October 1, 1993/Vol. 32, No. 28 pgs. 5583-5593		
	"Optical Coatings for High-Power Neodymium Lasers" by B. Brauns et al Sov. J. Quantum Electron 18 (10) Oct. 1988, c 1989 American Institute of Physics pgs. 1286-1290		
	"Investigation of Optical Damage Mechanisms in Hafnia and Silica Thin Films Using Pairs of Subnanosecond Laser Pulses with Variable Time Delay" by L.L. Chase, et al J. Appl. Phys. 71 (3) February 1, 1992/American Institute of Physics pgs. 1204-1208		
	"Characterization of Defect Geometries in Multilayer Optical Coatings" by R.J. Tench et al J. Vac. Sci. Technol. A 12(5), Sep/Oct 1994 1994 American Vacuum Society pgs. 2808-2813		
	"Reactive Evaporation of Low-Defect Density Hafnia" by R. Chow et al Applied Optics/October 1, 1993/ Vol. 32, No. 28/ pgs. 5567-5574		
	"Stress and Environmental Shift Characteristics of HfO <sub>2</sub> /SiO <sub>2</sub> Multilayer Coatings" by J.F. Anzellotti et al Proceedings Reprint/SPIE - The International Society for Optical Engineering Reprinted from 28th Annual Boulder Damage Symposium proceedings "Laser-Induced Damage in Optical Materials: 1996" October 7-9, 1996, Boulder, Colorado SPIE Vol. 2966, pgs. 258-264		
	"Study of the Structure and Properties of Thick Vacuum Condensates of Nickel, Titanium, Tungsten, Aluminum Oxide and Zirconium Dioxide" by B.A. Movchan et al F metal. metalloved., 28, No. 4, 653-660, 1969 pgs. 83-90		
WA	"Nano Absorbing Centers: A Key Point in Laser Damage of Thin Films" by J. Dijon et al SPIE Vol. 2966, pgs 315-325		
EXAMINER		DATE CONSIDERED	
WA		3-24/05	
<small>* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>			